

## SOLE DECLARATION FOR PATENT APPLICATION

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled GENE MARKERS FOR CHRONIC MUCOSAL INJURY

the specification of which

☐ is attached hereto.

☒ was filed on September 4, 1998, as Application Serial Number 09/146,969 and was amended on \_\_\_\_\_ (if applicable).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

### Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed Under 35 U.S.C. § 119

### Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, § 120 of the United States provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

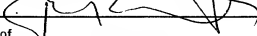
Application Serial Number	Date of Filing (Month, Day, Year)	Status --- Patented, Pending, Abandoned

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys who are all members of the Bar of the District of Columbia, their registration numbers being listed after their names:

Donald W. Banner, Registration No. 17,037; Edward F. McKie, Jr., Registration No. 17,335; William W. Beckett, Registration No. 18,262; Dale H. Hoscheit, Registration No. 19,090; Joseph M. Potenza, Registration No. 28,175; Alan I. Cantor, Registration No. 28,163; James A. Niegowski, Registration No. 28,331; Joseph M. Skerpon, Registration No. 29,864; Thomas L. Peterson, Registration No. 30,969; Nina L. Medlock, Registration No. 29,673; William J. Fisher, Registration No. 32,133; Thomas H. Jackson, Registration No. 29,808; Lisa M. Hemmendinger, Registration No. 42,653 and Sarah A. Kagan, Registration No. 32,141.

All correspondence and telephone communications should be addressed to Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597, telephone number (202) 508-9100, which is also the address and telephone number of each of the above listed attorneys.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information I believe to be true; and further that these statements were made with the knowledge that willful false statements and like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature:  Date: 12/2/98

I Name of Inventor: DIECKGRAFFE Brian K.  
Family Name First Given Name Second Given Name

Address: c/o Washington University School of Medicine, Department of Gastroenterology,  
Box 8124, 660 South Euclid Avenue, St. Louis, MO 63110

Citizenship: United States of America

Address: Same As Above

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VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 C.F.R. §§1.9(f) and 1.27(d)) — NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: Washington University

ADDRESS OF ORGANIZATION: Campus Box 8013, 660 South Euclid Avenue, St. Louis, MO 63110

TYPE OF ORGANIZATION

- ☒ UNIVERSITY OF OTHER INSTITUTION OF HIGHER EDUCATION  
☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. §§501(a) and 501(c)(3))  
☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA  
(NAME OF STATE) \_\_\_\_\_  
(CITATION OF STATUTE) \_\_\_\_\_  
☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 U.S.C. §§501(a) and 501(c)(3)) IF  
LOCATED IN THE UNITED STATES OF AMERICA  
☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED  
STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA  
(NAME OF STATE) \_\_\_\_\_  
(CITATION OF STATUTE) \_\_\_\_\_

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 C.F.R. §1.9(e) for purposes of  
reduced fees under §§41(a) and (b) of Title 35, United States Code, with regard to the invention entitled GENE MARKERS FOR

**CHRONIC MUCOSAL INJURY**

Inventor(s) Brian K. Dieckgraefe

Filed in ☐ the specification filed herewith.

☒ application serial no. 09/146,969 filed 09/04/98

☐ patent no. \_\_\_\_\_ issued \_\_\_\_\_

I hereby declare that rights under copyright or law have been conveyed to and remain with the nonprofit organization with regard to the above-identified  
invention.

rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\*  
no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 C.F.R. §1.9(d)  
/ any concern which would not qualify as a small business concern under 37 C.F.R. §1.9(d) or a nonprofit organization under 37 C.F.R. §1.9(c).  
(TE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status  
small entities. (37 C.F.R. §1.27)

ALL NAME _____	<input type="checkbox"/> Individual
ADDRESS _____	<input type="checkbox"/> Small Business Concern
_____	<input type="checkbox"/> Nonprofit Organization
ALL NAME _____	<input type="checkbox"/> Individual
ADDRESS _____	<input type="checkbox"/> Small Business Concern
_____	<input type="checkbox"/> Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior  
to filing, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer  
appropriate. (37 CFR §1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to  
be true; and further that these were made with the knowledge that false statements made willfully are punishable by fine, imprisonment, or both a fine  
and imprisonment under Section 1001 of Title 18 of the United States Code; and further that false statements made willfully may jeopardize the validity  
of which this verified statement is directed.

Andrew Neighbour, Ph.D.  
Associate Vice Chancellor  
For Technology Management

SIGNATURE PA Neighbour DATE 12/3/98

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